

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. TOC-0007	
		First Inventor Hiroshi Kainuma	
		Title CONTROL VALVE FOR VARIABLE CAPACITY COMPRESSOR	
		Express Mail Label No.	

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages **17**]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **3**]

5. Oath or Declaration [Total Sheets **3**]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document *(if applicable)*

12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.

17. ☒ Other: Associate Power of Attorney

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CiP) of prior application No.: _____

Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: **23353** OR ☐ Correspondence address below

Name RADER, FISHMAN & GRAUER PLLC			
Address 1233 20th Street, N.W. Suite 501			
City Washington	State DC	Zip Code 20036	
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Name (Print/Type) Carl Schaukowitz	Registration No. (Attorney/Agent) 29,211
Signature	Date October 22, 2003



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003				Complete if Known	
Effective 01/01/2003, Patent fees are subject to annual revision.				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Hiroshi Kainuma
				Examiner Name	Not Yet Assigned
				Art Unit	N/A
				Attorney Docket No.	TOC-0007
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27					
TOTAL AMOUNT OF PAYMENT		(\$)		770.00	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				3. ADDITIONAL FEES			
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 18-0013 Deposit Account Name: Rader, Fishman & Grauer PLLC							
The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.							
FEE CALCULATION							
1. BASIC FILING FEE							
Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
1001	770	2001	385	Utility filing fee	770.00		
1002	330	2002	165	Design filing fee			
1003	520	2003	260	Plant filing fee			
1004	750	2004	375	Reissue filing fee			
1005	160	2005	80	Provisional filing fee			
SUBTOTAL (1)				(\$)		770.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE							
Total Claims		6		-20** =		0.00	
Independent Claims		1		-3** =		0.00	
Multiple Dependent							
Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
1202	18	2202	9	Claims in excess of 20			
1201	84	2201	42	Independent claims in excess of 3			
1203	290	2203	145	Multiple dependent claim, if not paid			
1204	84	2204	42	** Reissue independent claims over original patent			
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2)				(\$)		0.00	
**or number previously paid, if greater; For Reissues, see above							
				3. ADDITIONAL FEES (continued)			
Large Entity		Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
1051	130	2051	65	Surcharge - late filing fee or oath			
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
1053	130	1053	130	Non-English specification			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1251	110	2251	55	Extension for reply within first month			
1252	410	2252	205	Extension for reply within second month			
1253	930	2253	465	Extension for reply within third month			
1254	1,450	2254	725	Extension for reply within fourth month			
1255	1,970	2255	985	Extension for reply within fifth month			
1401	320	2401	160	Notice of Appeal			
1402	320	2402	160	Filing a brief in support of an appeal			
1403	280	2403	140	Request for oral hearing			
1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1452	110	2452	55	Petition to revive - unavoidable			
1453	1,300	2453	650	Petition to revive - unintentional			
1501	1,300	2501	650	Utility issue fee (or reissue)			
1502	470	2502	235	Design issue fee			
1503	630	2503	315	Plant issue fee			
1460	130	1460	130	Petitions to the Commissioner			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
1806	180	1806	180	Submission of Information Disclosure Stmt			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))			
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))			
1801	750	2801	375	Request for Continued Examination (RCE)			
1802	900	1802	900	Request for expedited examination of a design application			
Other fee (specify)							
				*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	

SUBMITTED BY				(Complete if applicable)	
Name (Print/Type)	Carl Schaukowitch	Registration No. (Attorney/Agent)	29,211	Telephone	(202) 955-3750
Signature		Date	October 22, 2003		